

WHAT IS CLAIMED IS:

1. An air intake apparatus comprising:

an intake air passageway portion which includes an air intake duct continuing to an inlet for introducing outside air, and which serves as an intake air path reaching an engine body; and

a permeable port including an aperture provided in a part of the intake air passageway portion and for allowing the inside of the intake air passageway portion to communicate with the outside thereof, and a porous member covering the aperture;

wherein the permeable port is provided in at least a part of a region between a central position of the whole length of the air intake duct and a central position of the whole length of the intake air passageway portion.

2. An air intake apparatus according to Claim 1, wherein the permeable port is provided in a position including at least one of the central position of the whole length of the air intake duct and the central position of the whole length of the intake air passageway portion.

3. An air intake apparatus according to Claim 1, wherein the permeable port is provided in positions including at least the central position of the whole length of the air intake duct and the central position of the whole length of

the intake air passageway portion.

4. An air intake apparatus according to Claim 1, wherein the permeable port is formed by hot welding of a PET porous member to the intake air passageway portion external surface side of the aperture formed in the resin wall surfaces of the air intake duct and the dirty side of the air cleaner.

5. An air intake apparatus according to Claim 1, wherein the permeable port is formed in a way that each outer edge of the aperture of the intake air passageway portion is formed to project outward from the intake air passageway portion, and the porous member is welded to the projecting outer edge.

6. An air intake apparatus according to Claim 1, wherein the permeable member is formed in a way that an end portion of each projecting outer edge is made substantially parallel with the external surface of the intake air passageway portion, and the porous member is welded to the end portion.

7. An air intake apparatus according to Claim 1, wherein the permeable member is formed in a way that the porous member formed into a predetermined shape in advance is used, and the intake air passageway portion is formed integrally with the porous member by insert molding.